



*Zfu*

Docket No.: 0649-1153PUS1  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

---

In re Patent Application of:  
Shuji NAGANO et al.

Application No.: 10/735,893

Confirmation No.: 3545

Filed: December 16, 2003

Art Unit: 3748

For: VALVE SYSTEM FOR INTERNAL  
COMBUSTION ENGINE

---

Examiner: Z. Eshete

**REPLY UNDER 37 C.F.R. § 1.111**

**MS AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In reply to the Office Action dated March 14, 2006, the following amendments and remarks are respectfully submitted in connection with the above-identified application.

This reply includes:

- Amendments to the Specification;
- Amended Claim Set;
- Amendments to the Drawings;
- Remarks; and
- Two (2) Replacement Drawing Sheets - Figs. 9 and 10.



<b>AMENDMENT TRANSMITTAL LETTER</b>			Docket No. 0649-1153PUS1
Application No. 10/735,893-Conf. #3545	Filing Date December 16, 2003	Examiner Z. Eshete	Art Unit 3748

Applicant(s): Shuji NAGANO et al.


Invention: VALVE SYSTEM FOR INTERNAL COMBUSTION ENGINE

**MS Amendment**  
**Commissioner for Patents**  
P.O. Box 1450  
Alexandria, VA 22313-1450

Transmitted herewith is an amendment in the above-identified application.  
The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	12	- 20 =		x	
Independent Claims	2	- 3 =		x	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify):					
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:					0.00

- ☒ Large Entity ☐ Small Entity
- ☒ No additional fee is required for this amendment.
- ☐ Please charge Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_.  
A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of \$ \_\_\_\_\_ is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 02-2448 as described below. A duplicate copy of this sheet is enclosed.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.

*for*  (reg # 40,412) Dated: June 13, 2006  
Terrell C. Birch  
Attorney Reg. No.: 19,382

BIRCH, STEWART, KOLASCH & BIRCH, LLP  
8110 Gatehouse Road  
Suite 100 East  
P.O. Box 747  
Falls Church, Virginia 22040-0747  
(703) 205-8000